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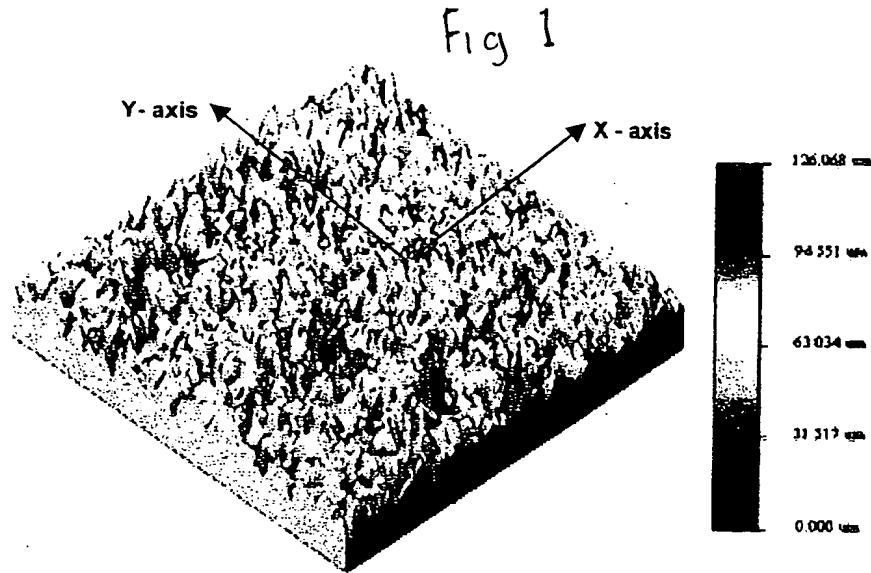
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AMPLITUDE PARAMETERS

Root-mean-square deviation of the surface	Sq (μm)	6.742
Skewness of Topography height distribution	Ssk	-0.324
Kurtosis of Topography height distribution	Sku	3.382
Highest Peak from the mean surface	Sp (μm)	34.506
Lowest Valley from the mean surface	Sv (μm)	-39.858
Height between the lowest and highest points	Sz (μm)	74.364

SPATIAL PARAMETERS

Density of summits of the surface	Sds (1/mm)	1.621e+003
Texture aspect ratio of the surface	Str	0.770
Fastest decay autocorrelation length	Sal (mm)	0.069
Texture direction of the surface	Sld (degree)	*

HYBRID PARAMETERS

Root-mean-square slope of the surface	Sdq	0.775
Average summit curvature of the surface	Ssc (1/ μm)	0.261
Developed surface area ratio	Sdr (%)	20.366

FUNCTIONAL PARAMETERS

Surface bearing index (5%)	Sbi	0.279
Core fluid retention index (5-80%)	Sci	1.405
Valley fluid retention index (80%)	Svi	0.132
Peak material volume of the surface (10.0%)	Vmp ($\mu m^3/mm^2$)	2.805e+005
Core material volume of the surface (10.0-80.0%)	Vmc ($\mu m^3/mm^2$)	5.982e+006
Core void volume of the surface (10.0-80.0%)	Vvc ($\mu m^3/mm^2$)	7.524e+006
Valley void volume of the surface (80.0%)	Vvv ($\mu m^3/mm^2$)	8.860e+005

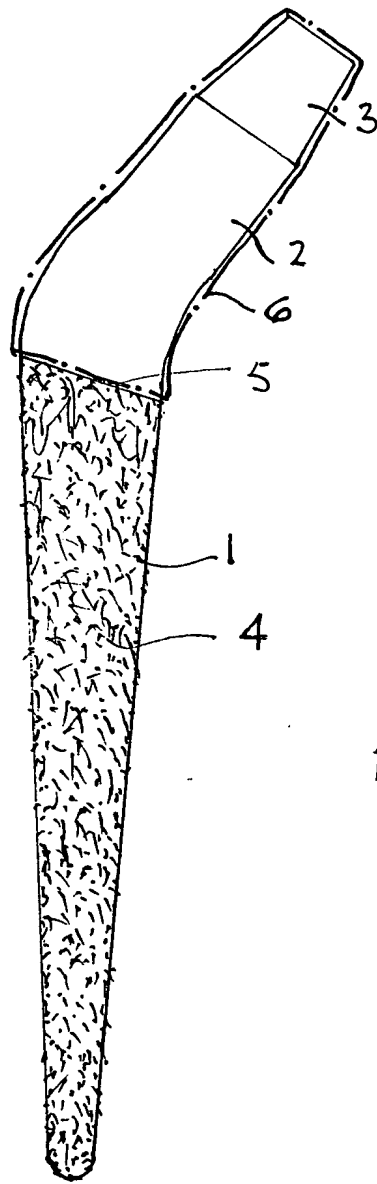


Fig 2

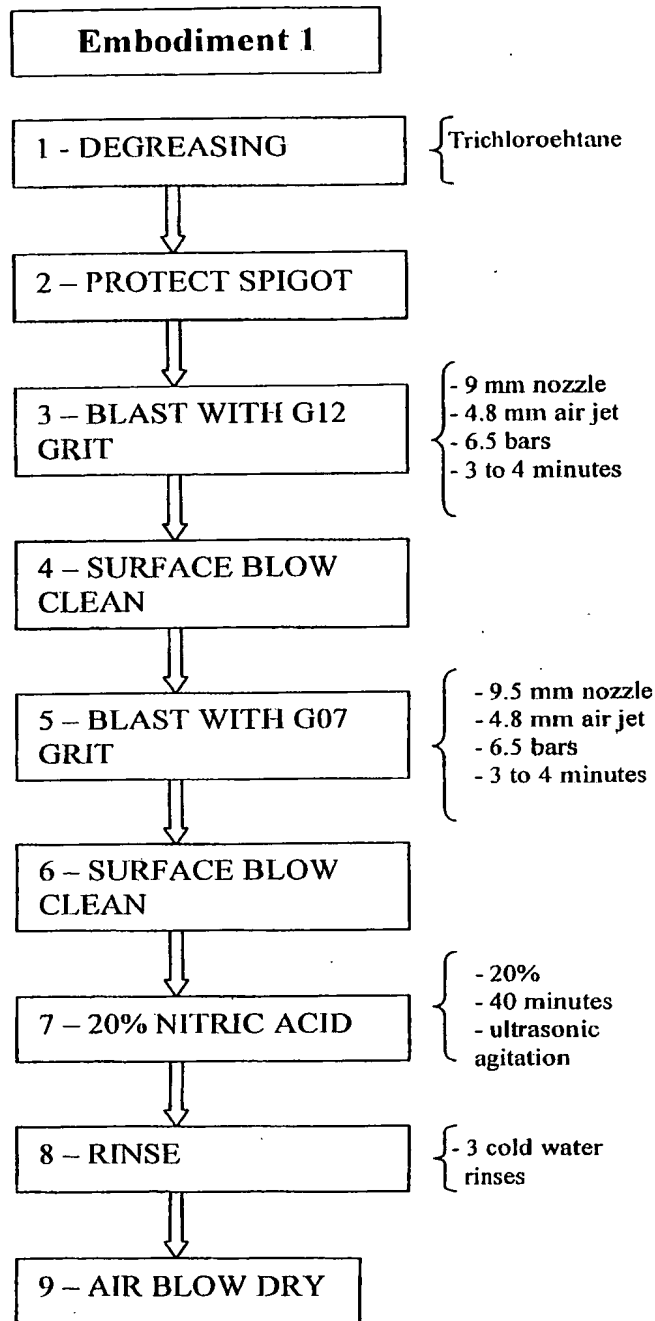


Fig 3

⇒ **Uncontaminated Surface**
⇒ $S_q = 5 - 10 \mu m$
⇒ $S_t = 50 - 100 \mu m$

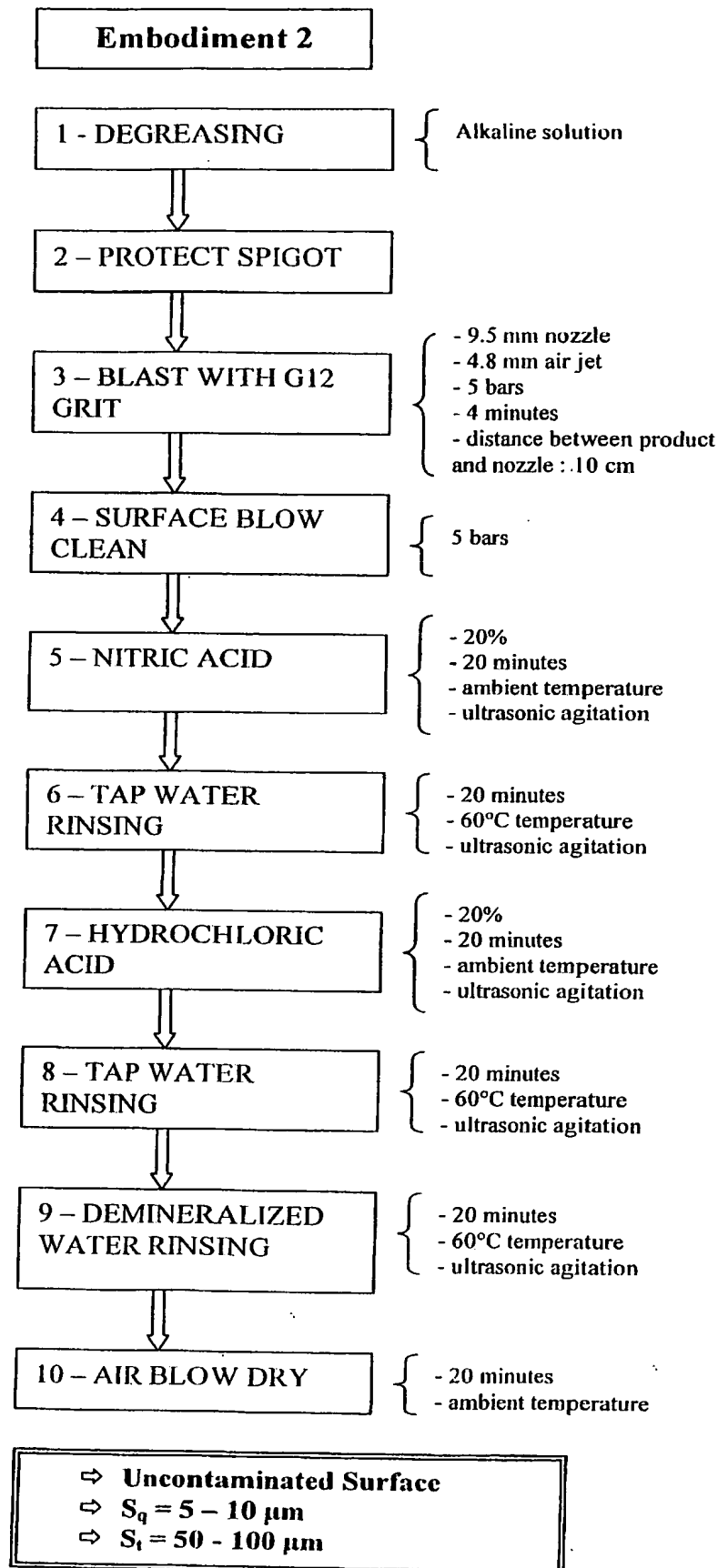


Fig 4

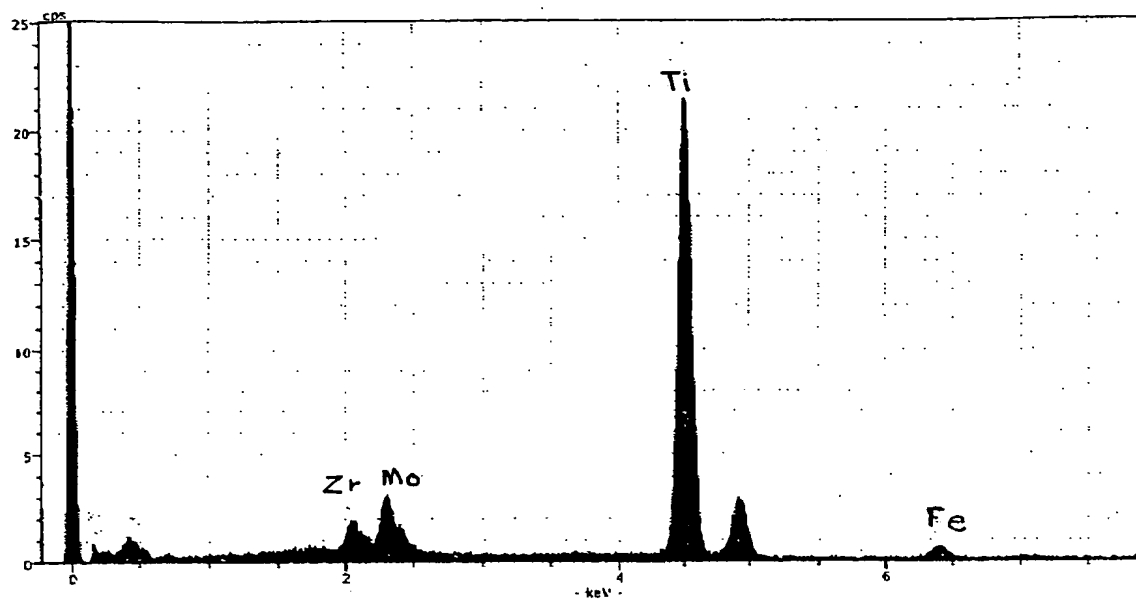


Fig 5

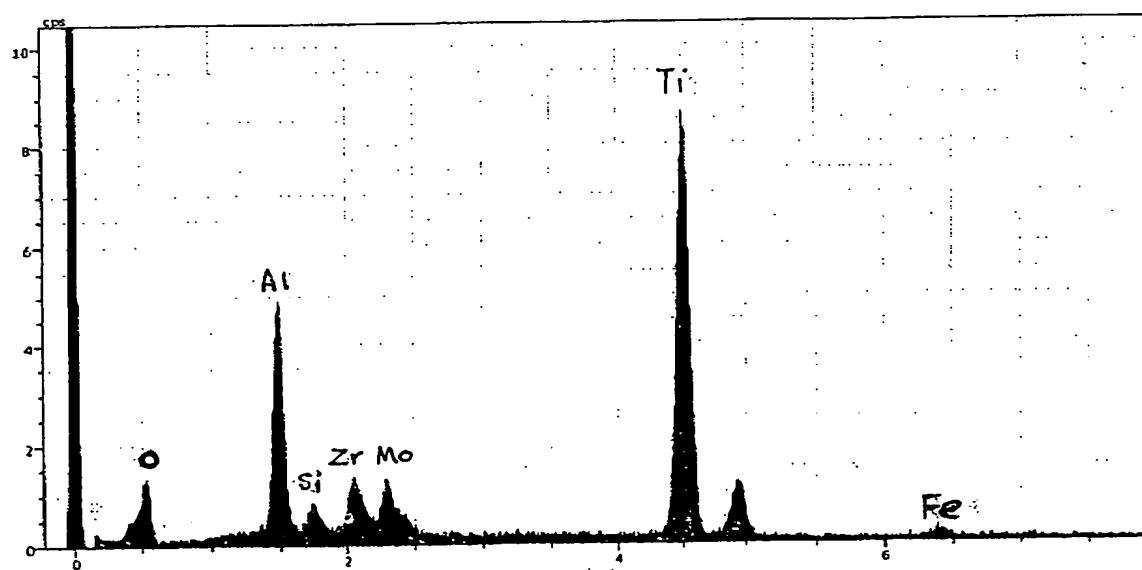


Fig 6